

ABSTRACT OF THE DISCLOSURE

A system for evaluating user interface (UI) design is provided. On a mock-up (1) of the UI design, operation buttons (2) are arranged. An ID signal generating element (31) is embedded in each of the operation buttons. An ID signal reading element (11) is attached to a finger of a tester. The ID signal reading element is brought in contact with the ID signal generating element, to read an element ID signal from the ID signal generating element. The read element ID signal is converted into a button ID code according to a correspondence table (12) that shows correspondence between element ID signals to be generated by the ID signal generating elements and button ID codes assigned to the operation buttons in which the ID signal generating elements are embedded.

According to the converted button ID code, an operation of UI software (21) is executed. A result of execution of the UI software operation is reflected in a screen image, which is projected as an image (3IM) onto a display corresponding part (3) of the mock-up in the same size as the display corresponding part. In this way, the system combines an actual model of a device housing prepared from the UI design with behaviors of UI software, to evaluate the usability of the device housing and UI software in an early development stage at low cost under conditions close to actual operating conditions.

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EXHIBIT C